PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JULY 1982
Vol. XXVII No. 7

JOB SERVICE

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
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PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
JUNE 1982

EMPLOYMENT CLIMBS - SEASONALLY ADJUSTED UNEMPLOYMENT DECLINES

The number of Pennsylvania residents working in June was 4,894,000, an increase of 14,000 over the previous month, but 91,000 less than a year ago.

June's employment was 67,000 higher than March 1982, the end of the first calendar quarter. Employment has been climbing slowly since January when the national recession unduly affected Pennsylvania.

Unemployment was also higher in June, due primarily to students searching for jobs as the civilian labor force grew by 48,000 between May and June. Without adjustment for seasonal influences, unemployment in June was 563,000, up 34,000 from May. The unadjusted unemployment rate climbed to 10.3 percent from the previous month's 9.8 percent.

Without the influence of students in the June labor market, unemployment would likely have fallen from May's level. This is apparent in the seasonally adjusted unemployment level of 526,000 which was 42,000 lower than in May. The seasonally adjusted unemployment rate was 9.7 percent, down from May's rate of 10.4 percent.

Nationwide, the seasonally adjusted rate of unemployment was 9.5 percent, the same rate as the previous month. The unadjusted rate of unemployment rose slightly from 9.1 percent in May to 9.8 percent in June.

MANUFACTURING EMPLOYMENT UP AS NONDURABLE GOODS RISE

Manufacturing employment increased by 1,000 jobs between May and June. This was due to a healthy gain of 4,400 jobs in the nondurable goods sector, raising nondurable goods employment to 496,600. Large gainers in nondurable goods employment between May and June were in food products, 1,100, apparel, 1,100, and paper products, 1,000.

Nondurable goods employment in June was 1,500 higher than at the end of the first calendar quarter in 1982. A positive sign that the economy may be turning around can be noted in the fact that 6 out of the 10 industries in nondurable goods showed employment gains between the first and second quarters of the year. Leather goods gained 1,200, followed by paper with 900, petroleum, 600, rubber products, 500, food products, 400, and textile mill products with 300.

Durable goods employment declined by 3,400 jobs between May and June. Primary metals continued its employment slump. This was to be expected, since three-quarters of steel shipments are consumed by the capital goods markets which have their own problems battling excessive inventories and high interest rates. Between the same periods employment in electric and electronic equipment rose by 1,700, followed by transportation equipment with 1,000, lumber, 300 and furniture, 500.

Although total durable goods employment was down from the end of the first quarter, three out of the ten durable goods industries posted employment gains between the first and second quarters. They were lumber and wood products, 900, furniture and fixtures, 200, and miscellaneous manufacturing, 300.

WEEKLY HOURS UP - HOURLY EARNINGS STABLE

Average weekly manufacturing hours posted a slight gain between May and June, but were still almost an hour below a year ago. Average hourly earnings remained the same as May at $8.55,but were thirty cents higher than in June 1981. Average weekly earnings for June were $329.17, a $2.57 increase over May.

Average weekly durable goods hours increased between May and June,but were down over an hour from a year ago. The average hourly rate for May and June stood at $9.55, which was thirty-nine cents higher than a year ago. June's durable goods average weekly earnings at $374.36 was $1.91 higher than in May.

Nondurable goods posted slight gains in both average hourly earnings and average weekly hours over May. Average weekly earnings climbed to $271.10, a $3.26 gain over May.

Average weekly manufacturing earnings in June showed a loss of $1.32 during the second calendar quarter, down from the March level of $330.50. Nondurable goods average weekly earnings increased by $4.06 during the second quarter and durable goods earnings declined by $3.98.

NONMANUFACTURING EMPLOYMENT SEASONALLY OFF

Nonmanufacturing employment fell by 8,700 jobs between May and June. Government had a decline in employment of 11,900, with the bulk occurring in state education (10,800). The drop in state education was seasonal. It happens each year at the end of the spring semester when student enrollment declines. This year, the decline in state education was heavy enough to affect nonmanufacturing employment because off-setting seasonal employment such as contract construction did not grow to its normal seasonal capacity. Also, retail trade dropped 1,300 jobs, in line with the nationwide decline in retail sales.

Since the end of the first quarter nonmanufacturing employment gained 41,700 jobs. Large employment gainers were contract construction 16,600; services 16,100; wholesale and retail trade 13,200; finance, insurance, real estate 3,800; and transportation and public utilities 1,800.

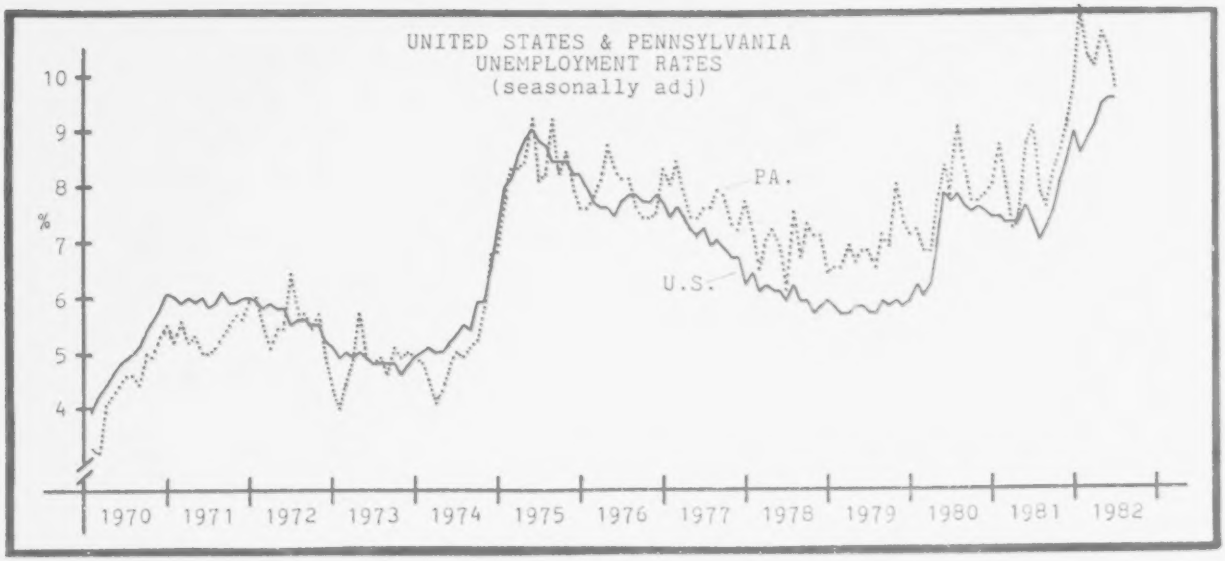

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

Year	PENNSYLVANIA Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	UNITED STATES Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1981 Jun	5,497	4,985	511	9.3	8.7	109,904	101,419	8,485	7.7	7.4
Jul	5,597	5,142	455	8.1	8.2	110,742	102,612	8,130	7.3	7.2
Aug	5,583	5,150	432	7.7	7.9	110,099	102,152	7,947	7.2	7.3
Sep	5,445	4,997	448	8.2	8.5	108,273	100,389	7,884	7.3	7.6
Oct	5,525	5,051	475	8.6	8.7	109,244	101,028	8,216	7.5	8.0
Nov	5,514	5,034	479	8.7	9.0	109,179	100,502	8,676	7.9	8.3
Dec	5,437	4,930	507	9.3	9.6	108,574	99,562	9,013	8.3	8.8
1982 Jan	5,423	4,781	642	11.8	11.2	108,014	97,831	10,183	9.4	8.5
Feb	5,448	4,850	598	11.0	10.3	108,324	97,946	10,378	9.6	8.8
Mar	5,399	4,827	572	10.6	10.1	108,761	98,471	10,290	9.5	9.0
Apr	5,423	4,867	557	10.3	10.7	108,814	98,858	9,957	9.2	9.4
May	5,409	4,880	529	9.8	10.4	109,914	99,957	9,957	9.1	9.5
Jun	5,457	4,894	563	10.3	9.7	111,569	100,683	10,886	9.8	9.5
1981										
2nd Qtr	5,447	5,010	436	8.0	8.2	108,799	100,873	7,926	7.3	7.4
3rd Qtr	5,542	5,096	445	8.0	8.2	109,705	101,718	7,987	7.3	7.4
4th Qtr	5,492	5,005	487	8.9	9.1	108,999	100,364	8,635	7.9	8.3
1982										
1st Qtr	5,423	4,819	604	11.1	10.5	108,366	98,083	10,284	9.5	8.8
2nd Qtr	5,430	4,880	550	10.1	10.3	110,099	99,833	10,267	9.3	9.5

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	MAY 1982	MARCH 1982	JUNE 1981
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4593.5	4601.2	4585.2	4577.9	4802.3	- 7.7	15.6	-208.8
LABOR-MANAGEMENT DISPUTES	1.9	5.4	5.6	5.0	3.9	- 3.5	- 3.1	- 2.0
TOTAL MANUFACTURING INDUSTRIES	1189.9	1188.9	1200.8	1216.0	1320.7	1.0	-26.1	-130.8
TOTAL DURABLE GOODS	693.3	696.7	709.8	720.9	805.0	- 3.4	-27.6	-111.7
Lumber & wood products	19.4	19.1	18.8	18.5	20.7	0.3	0.9	- 1.3
Millwork, plywood & structural	6.5	6.3	6.2	6.2	6.6	0.2	0.3	- 0.1
Other lumber & wood prod.	12.9	12.8	12.6	12.3	14.1	0.1	0.6	- 1.2
Furniture & fixtures	17.4	16.9	17.5	17.2	18.9	0.5	0.2	- 1.5
Household furniture	8.4	8.3	8.4	8.3	9.1	0.1	0.1	- 0.7
Office furniture	4.3	4.0	4.2	4.1	4.7	0.3	0.2	- 0.4
Other furniture & fixtures	4.7	4.6	4.9	4.8	5.1	0.1	- 0.1	- 0.4
Stone, clay & glass products	51.8	53.1	52.9	52.2	58.5	- 1.3	- 0.4	- 6.7
Glass & glassware, pressed or blown	12.5	13.5	13.8	14.2	15.5	- 1.0	- 1.7	- 3.0
Glass containers	6.7	7.0	6.9	7.1	7.7	- 0.3	- 0.4	- 1.0
Other pressed or blown glass	5.8	6.5	6.9	7.1	7.8	- 0.7	- 1.3	- 2.0
Hydraulic cement	2.1	2.1	2.1	1.9	2.3	0.0	0.2	- 0.2
Structural clay products	5.0	5.0	4.8	4.8	5.7	0.0	0.2	- 0.7
Pottery & related products	4.3	4.2	4.3	4.3	4.8	0.1	0.0	- 0.5
Concrete, gypsum & plaster prod.	7.7	7.9	7.5	6.4	7.9	- 0.2	1.3	- 0.2
Other stone, clay & glass prod.	20.2	20.4	20.4	20.6	22.3	- 0.2	- 0.4	- 2.1
Primary metal industries	144.2	145.8	152.4	159.0	187.7	- 1.6	-14.8	- 43.5
Blast furnace & basic steel prod.	104.1	106.6	111.4	116.6	139.8	- 2.5	-12.5	- 35.7
Blast furnaces & steel mills	93.3	95.8	100.6	105.5	128.2	- 2.5	-12.2	- 34.9
Other basic steel products	10.8	10.8	10.8	11.1	11.6	0.0	- 0.3	- 0.8
Iron & steel foundries	13.4	12.6	13.8	14.9	18.5	0.8	- 1.5	- 5.1
Gray iron foundries	6.0	5.3	6.1	6.7	7.9	0.7	- 0.7	- 1.9
Steel foundries, n.e.c.	4.9	5.0	5.2	5.4	6.4	- 0.1	- 0.5	- 1.5
Malleable iron & steel invest.	2.5	2.3	2.5	2.8	4.2	0.2	- 0.3	- 1.7
Nonferrous rolling & drawing	13.3	13.5	13.6	13.5	14.1	- 0.2	- 0.2	- 0.8
Nonferrous foundries	6.2	6.0	6.5	7.0	7.0	0.2	- 0.8	- 0.8
Other primary metal products	7.2	7.1	7.1	7.0	8.3	0.1	0.2	- 1.1
Fabricated metal products	97.7	99.0	99.6	101.1	110.7	- 1.3	- 3.4	- 13.0
Metal cans & shipping containers	3.4	3.3	3.3	3.5	4.0	0.1	- 0.1	- 0.6
Cutlery, hand tools & hardware	5.5	5.6	5.6	5.5	6.3	- 0.1	0.0	- 0.8
Plumbing & heating exc. electrical	3.0	3.1	3.2	3.3	3.4	- 0.1	- 0.3	- 0.4
Fabricated structural metal prod.	30.3	30.5	30.8	31.1	35.1	- 0.2	- 0.8	- 4.8
Fabricated structural metal	6.1	6.2	6.3	6.5	8.5	- 0.1	- 0.4	- 2.4
Fabricated plate work (boiler shops)	9.4	9.6	9.9	10.2	10.9	- 0.2	- 0.8	- 1.5
Other fabricated struct. metal prod.	14.8	14.7	14.6	14.4	15.7	0.1	0.4	- 0.9
Screw machine products, bolts, etc.	7.8	8.0	8.1	8.2	9.4	- 0.2	- 0.4	- 1.6
Metal forgings & stampings	19.3	19.5	19.4	19.2	20.0	- 0.2	0.1	- 0.7
Iron & steel forgings	5.3	5.3	5.3	5.3	6.0	0.0	0.0	- 0.7
Other metal forgings & stampings	14.0	14.2	14.1	13.9	14.0	- 0.2	0.1	0.0
Metal services & ordnance, n.e.c.	8.2	8.1	8.0	8.2	8.2	0.1	0.0	0.0
Misc. fabricated metal products	20.2	20.9	21.2	22.1	24.3	- 0.7	- 1.9	- 4.1
Valves & pipe fittings	8.1	8.5	8.6	8.9	9.8	- 0.4	- 0.8	- 1.7
Other misc. fabricated metal prod.	12.1	12.4	12.6	13.2	14.5	- 0.3	- 1.1	- 2.4
Machinery, exc. electrical	130.3	132.7	135.0	137.7	144.3	- 2.4	- 7.4	- 14.0
Engines & turbines	9.6	9.7	9.8	9.8	10.3	- 0.1	- 0.2	- 0.7
Farm & garden machinery	3.5	3.6	3.9	3.9	4.6	- 0.1	- 0.4	- 1.1
Construction & related mach.	23.0	23.6	24.3	25.5	25.9	- 0.6	- 2.5	- 2.9
Construction machinery	7.9	8.0	8.2	8.3	8.4	- 0.1	- 0.4	- 0.5
Conveyors & conveying equip.	3.6	3.6	3.6	3.7	3.8	0.0	- 0.1	- 0.2
Other construction & related mach.	11.5	12.0	12.5	13.5	13.7	- 0.5	- 2.0	- 2.2
Metal working machinery	18.7	19.0	19.5	20.0	22.8	- 0.3	- 1.3	- 4.1
Special industry machinery	13.2	13.3	13.1	13.3	14.0	- 0.1	- 0.1	- 0.8

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	NET CHANGE MAY 1982	NET CHANGE MAR. 1982	NET CHANGE JUNE 1981
General industrial machinery	25.9	26.4	26.6	27.0	27.9	-0.5	-1.1	- 2.0
Pumps & pumping equipment	4.1	4.2	4.2	4.2	4.1	-0.1	-0.1	0.0
Ball & roller bearings	3.8	3.9	4.0	4.1	4.1	-0.1	-0.3	- 0.3
Air & gas compressors	4.9	5.0	5.0	5.0	5.1	-0.1	-0.1	- 0.2
Industrial furnaces & ovens	3.0	3.0	3.2	3.3	3.5	0.0	-0.3	- 0.5
Other general industrial mach.	10.1	10.3	10.2	10.4	11.1	-0.2	-0.3	- 1.0
Office and computing machines	13.7	13.7	13.6	13.5	13.5	0.0	0.2	0.2
Refrigeration & service ind. mach.	9.5	10.2	10.4	10.7	10.9	-0.7	-1.2	- 1.4
Misc. machinery, exc. electrical	13.2	13.2	13.8	14.0	14.4	0.0	-0.8	- 1.2
Electric & electronic equipment	108.6	106.9	108.6	110.4	119.2	1.7	-1.8	-10.6
Electric distributing equip.	15.5	15.5	16.3	16.6	17.9	0.0	-1.1	- 2.4
Transformers	5.4	5.2	5.4	5.6	5.8	0.2	-0.2	- 0.4
Switchgear & switchboard apparatus	10.1	10.3	10.9	11.0	12.1	-0.2	-0.9	- 2.0
Electrical industrial apparatus	19.4	19.3	19.0	19.5	20.8	0.1	-0.1	- 1.4
Household appliances	3.4	3.5	3.5	3.3	4.0	-0.1	0.1	- 0.6
Electric lighting & wiring equip.	20.6	20.6	20.4	20.7	21.1	0.0	-0.1	- 0.5
Current-carrying wiring devices	11.6	11.4	11.4	11.4	11.6	0.2	0.2	0.0
Other electric light & wiring equip.	9.0	9.2	9.0	9.3	9.5	-0.2	-0.3	- 0.5
Communication equipment	10.8	9.4	10.0	9.8	10.0	1.4	1.0	0.8
Electronic components & accessories	30.3	30.2	30.4	30.7	34.8	0.1	-0.4	- 4.5
Semiconductors & related devices	11.3	11.3	11.2	11.2	12.1	0.0	0.1	- 0.8
Other electronic components & access.	19.0	18.9	19.2	19.5	22.7	0.1	-0.5	- 3.7
Other electrical equip. & supplies	8.6	8.4	9.0	9.8	10.6	0.2	-1.2	- 2.0
Transportation equipment	65.6	64.6	65.9	65.7	79.7	1.0	-0.1	-14.1
Motor vehicles & equipment	24.2	25.2	24.7	24.6	28.0	-1.0	-0.4	- 3.8
Motor vehicle parts & access.	9.2	9.2	9.3	9.4	10.9	0.0	-0.2	- 1.7
Other motor vehicles & equip.	15.0	16.0	15.4	15.2	17.1	-1.0	-0.2	- 2.1
Aircraft & parts	11.1	10.4	11.1	11.0	13.7	0.7	0.1	- 2.6
Ship & boat building & repairing	3.4	3.6	3.8	3.6	6.8	-0.2	-0.2	- 3.4
Railroad equipment	14.7	12.7	12.6	12.7	17.7	2.0	2.0	- 3.0
Other transportation equipment	12.2	12.7	13.7	13.8	13.5	-0.5	-1.6	- 1.3
Instruments & related products	37.4	37.6	38.1	38.5	41.8	-0.2	-1.1	- 4.4
Measuring & controlling devices	19.4	19.4	19.7	20.1	22.2	0.0	-0.7	- 2.8
Medical instruments & supplies	10.3	10.4	10.4	10.4	11.2	-0.1	-0.1	- 0.9
Other instruments & related prod.	7.7	7.8	8.0	8.0	8.4	-0.1	-0.3	- 0.7
Miscellaneous manufacturing industries	20.9	21.0	21.0	20.6	23.5	-0.1	0.3	- 2.6
TOTAL NONDURABLE GOODS	496.6	492.2	491.0	495.1	515.7	4.4	1.5	-19.1
Food & kindred products	92.2	91.1	90.1	91.8	94.7	1.1	0.4	- 2.5
Meat products	13.9	14.0	14.1	14.4	14.9	-0.1	-0.5	- 1.0
Meat packing plants	4.4	4.5	4.6	4.7	4.5	-0.1	-0.3	- 0.1
Sausages & other prepared meats	4.8	4.7	4.8	4.9	5.4	0.1	-0.1	- 0.6
Poultry dressing & processing	4.7	4.8	4.7	4.8	5.0	-0.1	-0.1	- 0.3
Dairy products	11.2	10.7	10.5	10.6	11.6	0.5	0.6	- 0.4
Fluid milk	6.1	5.9	5.8	5.7	6.3	0.2	0.4	- 0.2
Other dairy products	5.1	4.8	4.7	4.9	5.3	0.3	0.2	- 0.2
Preserved fruits & vegetables	11.0	10.9	10.3	10.7	11.9	0.1	0.3	- 0.9
Canned fruits & vegetables	3.7	3.8	3.8	3.8	4.2	-0.1	-0.1	- 0.5
Other preserved fruits & vegetables	7.3	7.1	6.5	6.9	7.7	0.2	0.4	- 0.4
Grain mill products	5.4	5.4	5.3	5.5	5.0	0.0	-0.1	0.4
Bakery products	18.6	18.2	18.0	18.2	17.8	0.4	0.4	0.8
Bread, cake & related prod.	14.0	13.8	13.6	13.6	13.3	0.2	0.4	0.7
Cookies & crackers	4.6	4.4	4.4	4.6	4.5	0.2	0.0	0.1
Sugar & confectionery prod.	14.2	14.4	14.4	14.7	14.8	-0.2	-0.5	- 0.6
Confectionery prod.	6.1	6.3	6.4	6.5	6.2	-0.2	-0.4	- 0.1
Chocolate & cocoa prod.	6.1	6.0	5.9	6.1	5.8	0.1	0.0	0.3
Other sugar prod.	2.0	2.1	2.1	2.1	2.8	-0.1	-0.1	- 0.8
Beverages	9.2	9.0	8.9	9.1	9.6	0.2	0.1	- 0.4
Other food & kindred products	8.7	8.5	8.6	8.6	9.1	0.2	0.1	- 0.4

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	NET CHANGE MAY 1982	NET CHANGE MAR. 1982	NET CHANGE JUNE 1981
Tobacco manufacturers	2.4	2.7	2.5	2.9	3.1	- 0.3	- 0.5	- 0.7
Textile mill products	40.8	40.2	40.4	40.5	44.1	0.6	0.3	- 3.3
Weaving mills, synthetics	4.5	4.4	4.5	4.6	5.1	0.1	- 0.1	- 0.6
Knitting mills	20.8	20.6	20.5	20.4	22.3	0.2	0.4	- 1.5
Knit outerwear mills	11.1	11.0	11.3	11.0	11.8	0.1	0.1	- 0.7
Knit underwear mills	4.6	4.5	4.2	4.2	4.9	0.1	0.4	- 0.3
Other knitting mills	5.1	5.1	5.0	5.2	5.6	0.0	- 0.1	- 0.5
Floor covering mills	3.6	3.4	3.4	3.4	3.8	0.2	0.2	- 0.2
Yarn & thread mills	3.2	3.1	3.0	3.1	3.9	0.1	0.1	- 0.7
Other textile mill prod.	8.7	8.7	9.0	9.0	9.0	0.0	- 0.3	- 0.3
Apparel & other textile products	122.6	121.5	121.7	123.2	125.5	1.1	- 0.6	- 2.9
Men's & boys' suits & coats	16.2	15.5	15.5	16.1	16.3	0.7	0.1	- 0.1
Men's & boys' furnishings	20.6	20.3	20.0	19.6	20.2	0.3	1.0	0.4
Men's & boys' shirts & nightwear	7.4	7.4	7.2	7.2	7.7	0.0	0.2	- 0.3
Men's & boys' separate trousers	4.3	4.2	4.3	4.3	4.4	0.1	0.0	- 0.1
Other furnishings & work clothing	8.9	8.7	8.5	8.1	8.1	0.2	0.8	0.8
Women's & misses' outerwear	56.5	56.2	56.8	58.1	57.7	0.3	- 1.6	- 1.2
Women's & children's undergarments	9.8	10.2	10.1	10.0	10.5	- 0.4	- 0.2	- 0.7
Children's outerwear	7.9	7.9	7.4	7.8	7.9	0.0	0.1	0.0
Other apparel & textile prod.	11.6	11.4	11.9	11.6	12.9	0.2	0.0	- 1.3
Paper & allied products	41.2	40.2	40.5	40.3	42.6	1.0	0.9	- 1.4
Paper mills exc. building paper	11.2	10.9	11.0	10.9	11.8	0.3	0.3	- 0.6
Paper board containers & boxes	13.6	13.3	13.4	13.4	13.8	0.3	0.2	- 0.2
Corrugated & solid fiber boxes	6.9	6.8	6.8	6.8	7.0	0.1	0.1	- 0.1
Other paperboard containers	6.7	6.5	6.6	6.6	6.8	0.2	0.1	- 0.1
Other paper & allied products	16.4	16.0	16.1	16.0	17.0	0.4	0.4	- 0.6
Printing & publishing	72.8	72.9	73.2	73.8	73.8	- 0.1	- 1.0	- 1.0
Newspapers	23.7	23.5	23.4	23.4	23.9	0.2	0.3	- 0.2
Books	5.8	6.0	6.1	6.0	5.9	- 0.2	- 0.2	- 0.1
Commercial printing	21.9	22.0	22.2	22.3	22.1	- 0.1	- 0.4	- 0.2
Lithographing	12.7	12.9	12.9	12.9	12.5	- 0.2	- 0.2	0.2
Other commercial printing	9.2	9.1	9.3	9.4	9.6	0.1	- 0.2	- 0.4
Manifold business forms	4.3	4.3	4.3	4.4	4.4	0.0	- 0.1	- 0.1
Other printing & publishing	17.1	17.1	17.2	17.7	17.5	0.0	- 0.6	- 0.4
Chemicals & allied products	58.3	58.0	58.5	58.6	60.7	0.3	- 0.3	- 2.4
Industrial inorganic chemicals	9.6	9.7	9.8	9.7	10.0	- 0.1	- 0.1	- 0.4
Plastic materials & synthetics	7.6	7.6	7.7	7.8	8.4	0.0	- 0.2	- 0.8
Drugs	18.3	18.3	18.3	18.2	18.2	0.0	0.1	0.1
Soap, cleaners & toilet goods	3.2	3.2	3.2	3.2	3.2	0.0	0.0	0.0
Paints & allied products	4.1	4.0	4.0	4.0	4.3	0.1	0.1	- 0.2
Other chemicals & allied prod.	15.5	15.2	15.5	15.7	16.6	0.3	- 0.2	- 1.1
Petroleum & coal products	16.4	16.2	16.0	15.8	17.6	0.2	0.6	- 1.2
Petroleum refining	12.9	12.7	12.7	12.7	13.7	0.2	0.2	- 0.8
Other petroleum & coal prod.	3.5	3.5	3.3	3.1	3.9	0.0	0.4	- 0.4
Rubber & misc. plastics products	34.4	34.0	34.0	33.9	36.6	0.4	0.5	- 2.2
Tires & inner tubes	3.4	3.4	3.4	3.5	3.4	0.0	- 0.1	0.0
Fabricated rubber prod., n.e.c.	4.2	4.1	4.2	4.1	4.5	0.1	0.1	- 0.3
Other rubber & plastic prod., n.e.c.	26.8	26.5	26.4	26.3	28.7	0.3	0.5	- 1.9
Leather & leather products	15.5	15.4	14.1	14.3	17.0	0.1	1.2	- 1.5
Footwear, exc. rubber	11.6	11.5	10.7	10.8	12.9	0.1	0.8	- 1.3
Men's footwear, exc. athletic	4.5	4.5	3.8	3.8	4.7	0.0	0.7	- 0.2
Women's footwear, exc. athletic	3.3	3.2	3.1	3.1	4.0	0.1	0.2	- 0.7
Other footwear	3.8	3.8	3.8	3.9	4.2	0.0	- 0.1	- 0.4
Other leather & leather prod.	3.9	3.9	3.4	3.5	4.1	0.0	0.4	- 0.2

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	MAY 1982	MAR. 1982	JUNE 1981
TOTAL NONMANUFACTURING INDUSTRIES	3403.6	33412.3	3384.4	3361.9	3481.6	- 8.7	41.7	-78.0
Mining	45.1	45.5	45.7	47.0	48.5	- 0.4	- 1.9	- 3.4
Anthracite	3.5	3.4	3.4	3.5	3.6	0.1	0.0	- 0.1
Bituminous	32.1	32.8	33.1	34.7	34.7	- 0.7	- 2.6	- 2.6
Nonmetallic minerals	3.8	3.7	3.6	3.2	4.7	0.1	0.6	- 0.9
Contract Construction	169.9	170.1	160.4	153.3	194.6	- 0.2	16.6	-24.7
General building	45.5	45.4	41.7	40.4	51.1	0.1	5.1	- 5.6
Heavy construction	37.4	35.9	33.2	28.8	41.8	1.5	8.6	- 4.4
Special trades	87.0	88.8	85.5	84.1	101.7	- 1.8	2.9	-14.7
Transportation	141.2	141.2	140.4	140.1	157.0	0.0	1.1	-15.8
Railroads	33.3	33.3	32.7	32.1	37.6	0.0	1.2	- 4.3
Public Utilities	103.6	103.0	102.9	102.9	104.7	0.6	0.7	- 1.1
Communications	53.9	54.0	54.2	54.4	55.3	- 0.1	- 0.5	- 1.4
Electric, gas & sanitary service	49.7	49.0	48.7	48.5	49.4	0.7	1.2	0.3
Electric services	24.7	24.5	24.5	24.4	24.5	0.2	0.3	0.2
Gas production	9.2	9.1	9.0	9.0	9.4	0.1	0.2	- 0.2
Wholesale trade	237.2	236.6	237.4	239.0	247.6	0.6	- 1.8	-10.4
Retail trade	738.5	739.8	729.0	723.5	746.7	- 1.3	15.0	- 8.2
General merchandise stores	115.0	115.7	115.7	115.7	115.6	- 0.7	- 0.7	- 0.6
Department stores	102.0	102.7	102.7	102.6	102.8	- 0.7	- 0.6	- 0.8
Finance, insurance & real estate	244.5	242.6	241.1	240.7	243.6	1.9	3.8	0.9
Banking	80.7	80.2	80.0	80.2	80.8	0.5	0.5	- 0.1
Commercial & stock savings	74.6	73.9	73.8	73.9	74.2	0.7	0.7	0.4
Credit agencies & securities	31.4	31.3	31.4	31.4	31.4	0.1	0.0	0.0
Insurance	70.5	70.6	70.4	70.5	70.4	- 0.1	0.0	0.1
Life insurance	27.2	27.3	27.2	27.4	27.2	- 0.1	- 0.2	0.0
Fire, marine & casualty	29.0	29.0	29.0	29.0	29.0	0.0	0.0	0.0
Services	1028.1	1026.1	1022.2	1012.0	1012.3	2.0	16.1	15.8
Business services	132.6	132.5	132.2	132.8	138.5	0.1	- 0.2	- 5.9
Health services	348.6	344.2	343.0	342.9	337.5	4.4	5.7	11.1
Nursing & personal care	54.6	54.2	53.9	53.7	53.8	0.4	0.9	0.8
Hospitals	215.1	211.7	210.8	211.0	205.7	3.4	4.1	9.4
Educational service	117.4	128.8	135.5	137.0	113.3	- 11.4	-19.6	4.1
Miscellaneous services	47.6	47.3	47.5	47.9	47.7	0.3	- 0.3	- 0.1
Engineering & architectural	30.5	30.3	30.2	30.2	30.6	0.2	0.3	- 0.1
Government	695.5	707.4	705.3	703.4	726.6	- 11.9	- 7.9	-31.1
Federal	136.2	135.8	134.9	134.4	135.0	0.4	1.8	1.2
State & local	559.3	571.6	570.4	569.0	591.6	- 12.3	- 9.7	-32.3

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	JUNE 1982	MAY 1982	APR. 1982	MAR. 1982	JUNE 1981	ANNUAL AVERAGE 1981	1980	1979
All Manufacturing	88.7	88.6	89.4	90.6	98.4	96.9	99.0	103.3
Primary Metals	72.2	73.0	76.3	79.6	94.0	102.3	95.3	102.3
Apparel	91.5	90.7	90.8	91.9	93.6	92.3	92.6	96.0
All Nonmanufacturing	105.6	105.8	104.9	104.2	107.9	106.2	106.2	106.1
Construction	92.4	92.5	87.2	83.3	105.8	99.2	103.4	111.0
Retail Trade	103.0	103.2	101.6	100.8	104.1	103.4	103.7	105.0
Services	119.2	119.0	118.5	117.3	117.3	116.7	112.9	109.5
Government	97.8	99.5	99.2	98.9	102.2	99.2	101.7	101.4

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1971	$140.73	39.2	$3.59	127.3	121.3	$116.02	$ 24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	June 1982	May 1982	April 1982	March 1982	June 1981	June 1982	May 1982	April 1982	March 1982	June 1981	June 1982	May 1982	April 1982	March 1982	June 1981
Manufacturing	813.6	813.3	824.6	840.9	935.8	31,327.2	31,065.4	31,420.9	32,561.2	36,864.0	267,970.6	265,621.4	268,979.7	277,923.1	304,267.4
Durable Goods	457.6	459.5	470.8	480.0	557.7	17,951.6	17,903.9	18,346.9	19,050.1	22,483.5	171,477.9	170,915.1	174,985.7	181,473.1	205,843.7
Nondur. Goods	356.0	353.8	353.8	360.9	378.1	13,375.6	13,161.5	13,074.0	13,511.1	14,380.5	96,492.7	94,706.3	93,994.0	96,450.0	98,423.7

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding, consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes - Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

Nonagricultural Wage and Salary Data in this publication are arranged according to the 1972 Standard Industrial Classification Manual. Employment data, beginning with 1980, are benchmarked to first quarter 1981.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
TOTAL MANUFACTURING INDUSTRIES	329.18	326.61	326.14	330.50	325.05	38.5	38.2	38.1	38.7	39.4	8.55	8.55	8.56	8.54	8.25
TOTAL DURABLE GOODS	374.36	372.45	372.06	378.34	369.15	39.2	39.0	39.0	39.7	40.3	9.55	9.55	9.54	9.53	9.16
Lumber & wood products	258.40	258.10	247.66	259.54	260.57	38.0	37.9	36.8	38.0	42.3	6.80	6.81	6.73	6.83	6.16
Millwork, plywood & structural	267.95	273.93	266.06	288.48	258.90	37.9	38.8	37.9	39.9	40.9	7.07	7.06	7.02	7.23	6.33
Other lumber & wood prod.	254.13	249.83	238.85	245.60	261.26	38.1	37.4	36.3	37.1	42.9	6.67	6.68	6.58	6.62	6.09
Furniture & fixtures	281.39	270.44	264.79	265.73	265.98	39.3	38.8	37.4	37.8	39.0	7.16	6.97	7.08	7.03	6.82
Household furniture	247.54	233.36	225.90	236.70	246.13	38.8	37.1	35.8	37.1	38.7	6.38	6.29	6.31	6.38	6.36
Office furniture	326.14	314.84	292.18	296.06	271.60	41.6	41.7	37.7	38.3	38.2	7.84	7.55	7.75	7.73	7.11
Other furniture & fixtures	306.61	307.31	319.14	296.03	299.77	37.9	39.5	40.5	38.9	40.4	8.09	7.78	7.88	7.61	7.42
Stone, clay & glass products	369.41	364.83	358.67	357.41	355.75	41.0	40.9	40.3	40.8	42.1	9.01	8.92	8.90	8.76	8.45
Glass & glassware, pressed or blown	393.13	378.43	372.20	356.81	338.89	42.5	41.0	40.5	40.5	40.2	9.25	9.23	9.19	8.81	8.43
Glass containers	419.62	406.64	385.92	365.19	377.73	42.3	41.2	39.1	39.1	41.6	9.92	9.87	9.87	9.34	9.08
Other pressed or blown glass	361.23	346.36	358.25	349.44	301.48	42.8	40.7	41.9	42.0	38.9	8.44	8.51	8.55	8.32	7.75
Hydraulic cement	486.47	529.61	503.64	499.20	509.11	39.2	42.2	41.9	41.6	43.7	12.41	12.55	12.02	12.00	11.65
Structural clay products	306.15	319.52	313.15	305.28	290.94	39.2	40.6	38.9	38.4	39.8	7.81	7.87	8.05	7.95	7.31
Pottery & related products	333.21	338.48	324.23	343.44	323.08	38.3	40.2	39.3	42.4	41.0	8.70	8.42	8.25	8.10	7.88
Concrete, gypsum & plaster prod.	349.43	351.48	333.66	326.84	342.55	43.3	43.5	41.5	40.4	42.5	8.07	8.08	8.04	8.09	8.06
Other stone, clay & glass prod.	376.67	360.48	362.80	372.11	391.10	40.2	39.7	40.0	41.3	44.8	9.37	9.08	9.07	9.01	8.73
Primary metal industries	433.14	430.52	439.70	447.98	442.36	36.8	36.3	37.2	37.9	38.2	11.77	11.86	11.82	11.82	11.58
Blast furnace & basic steel prod.	467.28	462.80	474.90	485.79	478.55	36.0	35.6	36.7	37.6	37.8	12.98	13.00	12.94	12.92	12.66
Blast furnaces & steel mills	473.38	471.17	484.95	497.82	484.33	35.7	35.4	36.6	37.6	37.4	13.26	13.31	13.25	13.24	12.95
Other basic steel products	424.15	396.75	395.58	382.60	417.32	38.7	37.5	38.0	37.4	41.9	10.96	10.58	10.41	10.23	9.96
Iron & steel foundries	325.46	326.42	337.88	333.98	337.46	36.9	36.8	37.5	37.4	38.7	8.82	8.87	9.01	8.93	8.72
Gray iron foundries	294.88	296.38	319.06	313.02	332.54	35.4	36.1	37.1	37.0	38.4	8.33	8.21	8.60	8.46	8.66
Steel foundries, n.e.c.	365.38	355.57	367.87	376.11	352.14	38.3	37.0	38.4	39.8	39.7	9.54	9.61	9.58	9.45	8.87
Malleable iron & steel invest.	331.96	345.33	329.52	314.30	326.80	38.2	38.2	36.9	34.2	38.0	8.69	9.04	8.93	9.19	8.60
Nonferrous rolling & drawing	380.48	372.27	351.01	355.90	338.77	41.0	39.9	38.7	39.5	39.3	9.28	9.33	9.07	9.01	8.62
Nonferrous foundries	317.42	316.03	318.78	323.65	297.92	38.9	37.4	38.5	38.9	38.0	8.16	8.45	8.28	8.32	7.84
Other primary metal products	346.40	345.25	351.52	352.14	340.72	40.0	39.1	39.9	39.7	41.5	8.66	8.83	8.81	8.87	8.21
Fabricated metal products	361.49	359.79	355.39	358.49	347.58	39.9	39.8	39.4	39.7	40.7	9.06	9.04	9.02	9.03	8.54
Metal cans & shipping containers	465.92	454.48	430.35	455.52	513.94	44.8	43.7	41.3	43.3	48.9	10.40	10.40	10.42	10.52	10.51
Cutlery, hand tools & hardware	271.06	270.51	271.55	273.08	257.40	37.7	38.1	38.3	38.9	39.6	7.19	7.10	7.09	7.02	6.50
Plumbing & heating exc. electrical	338.05	325.40	328.60	320.26	321.21	39.4	39.3	39.4	39.2	41.5	8.58	8.28	8.34	8.17	7.74
Fabricated structural metal prod.	346.23	347.27	342.47	341.12	318.33	40.4	40.1	39.5	39.3	39.3	8.57	8.66	8.67	8.68	8.10
Fabricated structural metal	378.14	390.86	382.31	375.76	303.74	40.1	40.8	39.7	38.5	33.6	9.43	9.58	9.63	9.76	9.04
Fabricated plate work (boiler shops)	389.09	380.29	364.45	356.59	329.26	41.0	40.2	39.4	39.1	40.4	9.49	9.46	9.25	9.12	8.15
Other fabricated struct. metal prod.	306.73	308.05	310.08	313.62	319.35	40.2	39.8	39.5	39.8	41.8	7.63	7.74	7.85	7.88	7.64
Screw machine products, bolts, etc.	330.22	320.57	309.58	328.82	319.30	38.0	38.3	37.8	41.0	41.2	8.69	8.37	8.19	8.02	7.75
Metal forgings & stampings	448.11	450.06	453.87	455.84	441.57	40.7	40.4	41.0	40.7	40.4	11.01	11.14	11.07	11.20	10.93
Iron & steel forgings	356.27	362.62	376.94	368.22	347.09	37.7	38.7	38.9	38.0	38.1	9.45	9.37	9.69	9.69	9.11
Other metal forgings & stampings	478.72	478.47	477.15	482.65	476.27	41.7	41.0	41.6	41.5	41.2	11.48	11.67	11.47	11.63	11.56
Metal services & ordnance, n.e.c.	328.85	324.06	313.94	309.64	308.30	40.8	41.6	40.3	39.8	40.3	8.06	7.79	7.79	7.78	7.65
Misc. fabricated metal products	329.86	329.95	324.61	329.86	329.06	38.4	38.5	38.1	38.4	41.6	8.59	8.57	8.52	8.59	7.91
Valves & pipe fittings	353.78	352.20	345.08	343.27	333.18	38.0	38.1	38.3	38.7	41.7	9.31	9.22	9.01	8.87	7.99
Other misc. fabricated metal prod.	316.18	316.57	312.36	322.49	326.19	38.7	38.7	38.0	38.3	41.5	8.17	8.18	8.22	8.42	7.86

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
Machinery, exc. electrical	365.98	367.70	373.33	380.78	369.09	39.1	39.2	40.1	40.9	41.8	9.36	9.38	9.31	9.31	8.83
Engines & turbines	423.32	433.46	432.22	428.67	414.12	40.9	41.4	41.4	41.1	42.3	10.35	10.47	10.44	10.43	9.79
Farm & garden machinery	384.47	393.81	397.70	397.18	389.05	39.8	39.9	41.0	40.2	40.4	9.66	9.87	9.70	9.88	9.63
Construction & related mach.	343.88	357.21	398.62	417.50	388.32	34.7	35.9	40.8	42.3	41.8	9.91	9.95	9.77	9.87	9.29
Construction machinery	313.13	327.12	424.26	429.95	403.60	27.3	28.2	40.1	40.6	41.1	11.47	11.60	10.58	10.59	9.82
Conveyors & conveying equip.	359.77	361.84	359.72	344.03	291.85	41.4	41.4	41.3	41.6	36.3	8.69	8.74	8.71	8.27	8.04
Other construction & related mach.	364.45	378.22	386.57	421.18	396.24	39.4	40.8	41.3	43.6	43.4	9.25	9.27	9.36	9.66	9.13
Metal working machinery	397.58	378.54	374.12	374.69	376.82	41.2	40.1	39.8	39.4	41.5	9.65	9.44	9.40	9.51	9.08
Special industry machinery	350.47	351.24	355.12	357.35	342.79	40.8	40.7	40.4	40.7	41.3	8.59	8.63	8.79	8.78	8.30
General industrial machinery	357.19	355.21	358.30	368.24	371.06	39.6	39.6	39.9	40.6	42.7	9.02	8.97	8.98	9.07	8.69
Pumps & pumping equipment	398.82	393.47	372.65	371.77	381.12	42.7	42.4	41.0	41.4	42.3	9.34	9.28	9.09	8.98	9.01
Ball & roller bearings	349.30	346.94	339.68	337.04	367.52	37.6	38.0	37.7	37.7	40.7	9.29	9.13	9.01	8.94	9.03
Air & gas compressors	369.81	356.96	361.69	368.42	392.50	39.3	38.8	39.4	39.7	44.2	9.41	9.20	9.18	9.28	8.88
Industrial furnaces & ovens	347.14	362.48	366.28	344.65	356.57	38.7	39.4	39.3	37.3	39.4	8.97	9.20	9.32	9.24	9.05
Other general industrial mach.	341.88	343.54	358.28	389.66	364.50	39.8	39.9	40.9	43.2	43.6	8.59	8.61	8.76	9.02	8.36
Office and computing machines	420.29	434.70	436.13	439.21	413.13	39.8	40.4	41.3	42.6	41.9	10.56	10.76	10.56	10.31	9.86
Refrigeration & service ind. mach.	358.43	350.15	334.08	319.96	317.29	40.5	39.7	38.4	38.0	41.1	8.85	8.82	8.70	8.42	7.72
Misc. machinery, exc. electrical	323.71	317.34	323.31	344.85	331.52	38.4	37.6	39.0	41.8	41.7	8.43	8.44	8.29	8.25	7.95
Electric & electronic equipment	332.20	332.73	324.37	332.05	317.05	39.5	39.8	38.8	40.2	40.7	8.41	8.36	8.36	8.26	7.79
Electric distributing equip.	403.91	417.07	410.88	421.36	420.30	41.3	43.4	42.8	43.8	45.0	9.78	9.61	9.60	9.62	9.34
Transformers	439.79	457.44	438.87	431.41	402.69	43.5	47.7	46.1	45.7	44.3	10.11	9.59	9.52	9.44	9.09
Switchgear & switchboard apparatus	383.20	395.79	395.65	416.44	428.54	40.0	41.1	41.0	42.8	45.3	9.58	9.63	9.65	9.73	9.46
Electrical industrial apparatus	326.80	324.41	313.23	319.57	307.98	40.0	40.2	39.4	39.6	40.9	8.17	8.07	7.95	8.07	7.53
Household appliances	277.20	275.41	279.10	294.12	283.14	38.5	38.9	39.2	39.8	39.6	7.20	7.08	7.12	7.39	7.15
Electric lighting & wiring equip.	304.59	308.51	304.59	310.71	285.98	39.0	39.3	38.9	40.3	39.5	7.81	7.85	7.83	7.71	7.24
Current-carrying wiring devices	327.64	333.74	332.51	303.86	302.40	40.6	41.0	40.5	40.3	40.7	8.07	8.14	8.21	7.54	7.43
Other electric light & wiring equip.	286.14	288.80	280.50	316.36	271.81	37.7	38.0	37.5	40.3	38.5	7.59	7.60	7.48	7.85	7.06
Communication equipment	313.58	306.93	303.74	336.76	336.76	40.1	39.0	38.4	42.2	42.2	7.82	7.87	7.91	7.98	7.98
Electronic components & accessories	341.60	333.52	310.00	327.76	307.04	39.4	39.1	36.3	39.3	40.4	8.67	8.53	8.54	8.34	7.60
Semiconductors & related devices	422.28	422.18	420.15	405.99	386.88	39.1	39.2	38.3	39.0	41.6	10.80	10.77	10.97	10.41	9.30
Other electronic components & access.	297.04	284.70	250.62	285.19	267.06	39.5	39.0	35.2	39.5	39.8	7.52	7.30	7.12	7.22	6.71
Other electrical equip. & supplies	284.13	299.09	322.36	278.98	266.79	36.9	37.2	39.7	37.0	36.9	7.70	8.04	8.12	7.54	7.23
Transportation equipment	455.10	437.30	437.78	436.56	394.76	41.6	39.9	40.8	40.8	40.2	10.94	10.96	10.73	10.70	9.82
Motor vehicles & equipment	502.12	456.90	467.82	461.04	429.71	43.1	39.8	41.4	40.8	40.5	11.65	11.48	11.30	11.30	10.61
Motor vehicle parts & access.	539.15	514.61	493.45	471.10	451.76	46.2	45.5	44.9	43.3	42.3	11.67	11.31	10.99	10.88	10.68
Other motor vehicles & equip.	474.50	436.54	448.92	453.96	411.45	40.8	37.6	38.8	38.9	39.0	11.63	11.61	11.57	11.67	10.55
Aircraft & parts	456.25	460.43	461.03	466.23	386.38	40.7	41.0	41.2	42.5	40.8	11.21	11.23	11.19	10.97	9.47
Ship & boat building & repairing	386.71	422.17	400.53	388.22	421.76	39.3	42.6	39.5	38.4	41.8	9.84	9.91	10.14	10.11	10.09
Railroad equipment	413.95	444.04	411.18	421.74	376.27	38.4	39.4	38.5	39.6	38.2	10.78	11.27	10.68	10.65	9.85
Other transportation equipment	403.99	313.99	379.26	363.85	313.39	44.2	35.6	42.0	41.3	40.7	9.14	8.82	9.03	8.81	7.70
Instruments & related products	340.35	330.34	312.24	327.24	314.93	39.9	39.8	38.8	40.5	40.9	8.53	8.30	8.05	8.08	7.70
Measuring & controlling devices	361.38	353.87	337.60	363.80	342.27	41.3	41.1	40.0	42.6	42.1	8.75	8.61	8.44	8.54	8.13
Medical instruments & supplies	322.10	300.38	280.96	285.36	294.52	38.3	37.5	36.3	37.4	40.4	8.41	8.01	7.74	7.63	7.29
Other instruments & related prod.	314.59	312.84	293.25	292.39	267.72	38.6	39.5	39.1	39.3	38.3	8.15	7.92	7.50	7.44	6.99
Miscellaneous manufacturing industries	307.84	305.11	298.54	303.89	303.46	41.6	40.9	39.7	40.9	41.4	7.40	7.46	7.52	7.43	7.33

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
TOTAL NONDURABLE GOODS	271.10	267.84	265.31	267.04	259.92	37.6	37.2	36.9	37.4	38.0	7.21	7.20	7.19	7.14	6.84
Food & kindred products	321.40	315.51	306.32	306.46	308.97	39.4	39.0	38.1	38.5	40.6	8.17	8.09	8.04	7.96	7.61
Meat products	304.98	290.69	278.88	288.42	309.73	39.1	37.9	35.8	38.1	40.7	7.80	7.67	7.79	7.57	7.61
Meat packing plants	362.53	341.88	350.10	343.10	341.13	42.6	40.7	40.9	40.7	41.1	8.51	8.40	8.56	8.43	8.30
Sausages & other prepared meats	358.82	346.63	328.14	331.36	374.67	38.5	38.6	36.5	37.4	41.4	9.32	8.98	8.99	8.86	9.05
Poultry dressing & processing	209.66	202.07	171.76	202.92	220.97	36.4	34.9	30.4	36.3	39.6	5.76	5.79	5.65	5.59	5.58
Dairy products	317.03	319.49	305.21	311.83	310.42	42.9	43.0	41.3	41.8	44.6	7.39	7.43	7.39	7.46	6.96
Fluid milk	338.55	332.51	331.47	334.49	342.08	41.9	41.0	41.8	41.5	43.8	8.08	8.11	7.98	8.06	7.81
Other dairy products	297.84	307.98	282.62	294.70	288.64	43.8	44.7	40.9	42.1	45.1	6.80	6.89	6.91	7.00	6.40
Preserved fruits & vegetables	304.17	282.51	270.11	269.54	260.27	38.6	36.5	36.7	35.7	35.8	7.88	7.74	7.36	7.55	7.27
Canned fruits & vegetables	228.04	221.41	212.58	213.35	223.23	36.9	37.4	36.4	36.1	37.9	6.18	5.92	5.84	5.91	5.89
Other preserved fruits & vegetables	346.90	317.36	306.27	300.55	281.07	39.6	35.9	36.9	35.4	34.7	8.76	8.84	8.30	8.49	8.10
Grain mill products	390.52	359.39	341.91	343.36	331.96	41.5	40.2	39.3	40.3	43.0	9.41	8.94	8.70	8.52	7.72
Bakery products	320.57	314.50	311.25	309.04	299.47	38.3	38.4	37.5	38.2	40.8	8.37	8.19	8.30	8.09	7.34
Bread, cake & related prod.	323.85	322.94	327.37	314.71	292.58	38.1	38.4	38.2	38.1	40.3	8.50	8.41	8.57	8.26	7.26
Cookies & crackers	313.56	290.70	269.14	294.53	315.42	39.0	38.3	35.6	38.3	42.0	8.04	7.59	7.56	7.69	7.51
Sugar & confectionery prod.	333.21	341.25	333.98	332.90	340.23	38.3	39.0	38.7	38.8	40.6	8.70	8.75	8.63	8.58	8.38
Confectionery prod.	278.58	289.55	278.26	281.86	273.46	36.8	37.8	37.3	38.4	38.3	7.57	7.66	7.46	7.34	7.14
Chocolate & cocoa prod.	373.46	368.02	366.83	357.88	341.82	40.2	39.7	39.7	38.9	40.5	9.29	9.27	9.24	9.20	8.44
Other sugar prod.	416.57	456.64	444.85	455.39	504.68	38.5	41.4	40.7	40.3	46.6	10.82	11.03	10.93	11.30	10.83
Beverages	383.11	383.60	393.66	378.30	386.78	40.2	40.0	40.5	38.8	41.5	9.53	9.59	9.72	9.75	9.32
Other food & kindred products	271.20	271.04	260.29	249.66	257.18	40.0	39.8	39.2	38.0	40.5	6.78	6.81	6.64	6.57	6.35
Tobacco manufacturers	199.56	200.97	203.90	197.11	188.67	38.6	38.5	37.9	38.2	38.9	5.17	5.22	5.38	5.16	4.85
Textile mill products	220.80	219.84	214.89	212.98	209.75	38.4	38.3	37.7	37.3	38.7	5.75	5.74	5.70	5.71	5.42
Weaving mills, synthetics	245.18	239.95	230.29	236.99	241.53	41.0	40.6	39.5	40.1	42.9	5.98	5.91	5.83	5.91	5.63
Knitting mills	206.63	205.52	206.09	194.90	193.91	37.5	37.3	37.0	35.5	37.8	5.51	5.51	5.57	5.49	5.13
Knit outerwear mills	205.74	201.38	200.34	188.14	199.14	38.1	37.5	37.1	35.1	39.2	5.40	5.37	5.40	5.36	5.08
Knit underwear mills	179.39	179.52	176.82	178.52	172.07	34.9	35.2	34.4	34.8	35.7	5.14	5.10	5.14	5.13	4.82
Other knitting mills	234.08	238.46	243.36	223.48	201.48	38.5	38.9	39.0	37.0	36.5	6.08	6.13	6.24	6.04	5.52
Floor covering mills	286.48	296.06	258.81	274.66	278.16	39.9	39.9	37.4	38.2	39.4	7.18	7.42	6.92	7.19	7.06
Yarn & thread mills	194.18	188.64	180.49	183.17	198.53	36.5	36.0	35.6	36.2	38.4	5.32	5.24	5.07	5.06	5.17
Other textile mill prod.	232.25	232.64	228.54	236.38	212.39	39.7	39.7	39.2	40.2	38.2	5.85	5.86	5.83	5.88	5.56
Apparel & other textile products	175.88	174.11	172.78	176.69	168.54	33.5	33.1	32.6	33.4	32.6	5.25	5.26	5.30	5.29	5.17
Men's & boys' suits & coats	214.67	220.25	219.80	229.12	221.43	33.7	34.2	35.0	36.6	36.3	6.37	6.44	6.28	6.26	6.10
Men's & boys' furnishings	180.58	177.29	176.94	175.90	171.72	35.2	34.9	34.9	34.9	35.7	5.13	5.08	5.07	5.04	4.81
Men's & boys' shirts & nightwear	182.98	179.74	181.51	180.18	172.13	35.6	34.9	35.8	36.4	37.5	5.14	5.15	5.07	4.95	4.59
Men's & boys' separate trousers	175.71	178.49	176.34	190.10	189.41	32.3	33.3	32.9	35.8	34.5	5.44	5.36	5.36	5.31	5.49
Other furnishings & work clothing	180.28	174.08	173.39	164.34	161.70	36.2	35.6	35.1	33.0	34.7	4.98	4.89	4.94	4.98	4.66
Women's & misses' outerwear	163.77	160.06	161.26	167.88	153.41	31.8	30.9	30.6	32.1	29.0	5.15	5.18	5.27	5.23	5.29
Women's & children's undergarments	158.12	157.18	154.55	154.55	155.40	33.5	33.3	32.4	32.4	35.0	4.72	4.72	4.77	4.77	4.44
Children's outerwear	181.14	185.42	174.30	164.54	169.76	36.3	36.5	33.2	31.4	32.9	4.99	5.08	5.25	5.24	5.16
Other apparel & textile prod.	184.00	179.64	175.00	175.30	172.02	36.8	36.0	35.0	35.2	36.6	5.00	4.99	5.00	4.98	4.70

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981	JUNE 1982	MAY 1982	APRIL 1982	MARCH 1982	JUNE 1981
Paper & allied products	336.04	330.40	330.22	332.28	323.24	41.9	41.3	41.8	42.6	43.8	8.02	8.00	7.90	7.80	7.38
Paper mills exc. building paper	412.88	417.65	434.69	426.79	406.22	44.3	45.2	47.3	46.9	46.8	9.32	9.24	9.19	9.10	8.68
Paper board containers & boxes	326.83	315.54	313.58	313.60	306.61	40.3	39.1	39.1	40.0	41.1	8.11	8.07	8.02	7.84	7.46
Corrugated & solid fiber boxes	349.45	336.94	329.51	323.21	324.78	41.8	40.4	39.7	40.1	42.4	8.36	8.34	8.30	8.06	7.66
Other paperboard containers	305.37	294.08	296.38	304.44	289.28	38.9	37.8	38.5	39.9	39.9	7.85	7.78	7.75	7.63	7.25
Other paper & allied products	302.94	297.98	291.99	301.18	295.48	41.9	41.1	41.3	42.6	44.5	7.23	7.25	7.07	7.07	6.64
Printing & publishing	327.76	322.06	324.14	332.13	317.34	38.2	37.8	38.0	38.8	38.7	8.58	8.52	8.53	8.56	8.20
Newspapers	310.28	300.63	302.28	312.01	294.03	33.8	33.0	33.0	34.4	33.0	9.18	9.11	9.16	9.07	8.91
Books	305.90	296.78	294.14	300.29	274.00	38.0	38.0	38.2	39.1	38.7	8.05	7.81	7.70	7.68	7.08
Commercial printing	340.08	336.49	343.88	361.58	336.54	39.0	38.9	39.3	40.4	39.5	8.72	8.65	8.75	8.95	8.52
Lithographing	356.62	358.27	359.64	391.94	335.13	38.1	38.4	38.3	40.7	38.3	9.36	9.33	9.39	9.63	8.75
Other commercial printing	316.79	307.68	323.18	321.59	337.83	40.1	39.7	40.6	39.9	40.9	7.90	7.75	7.96	8.06	8.26
Manifold business forms	376.22	362.51	370.62	361.22	363.99	43.9	42.9	43.5	42.9	45.9	8.57	8.45	8.52	8.42	7.93
Other printing & publishing	319.02	316.47	309.80	310.81	309.60	39.0	38.5	38.2	38.9	40.0	8.18	8.22	8.11	7.99	7.74
Chemicals & allied products	382.32	376.25	371.16	369.44	369.25	40.5	40.5	40.3	40.2	42.2	9.44	9.29	9.21	9.19	8.75
Industrial inorganic chemicals	383.93	387.45	389.34	376.36	363.13	40.8	41.0	41.2	40.6	41.5	9.41	9.45	9.45	9.27	8.75
Plastic materials & synthetics	406.61	384.33	362.36	374.96	382.34	39.4	38.9	36.9	38.3	41.2	10.32	9.88	9.82	9.79	9.28
Drugs	401.94	391.64	382.01	387.83	378.07	39.6	39.4	39.1	38.9	39.3	10.15	9.94	9.77	9.97	9.62
Soap, cleaners & toilet goods	345.14	341.23	338.17	345.40	344.94	43.8	42.6	43.3	44.0	46.3	7.88	8.01	7.81	7.85	7.45
Paints & allied products	376.69	350.59	355.85	352.14	346.52	40.9	38.4	40.3	39.7	41.4	9.21	9.13	8.83	8.87	8.37
Other chemicals & allied prod.	365.72	369.93	370.71	358.94	368.33	40.5	41.8	41.7	41.4	44.7	9.03	8.85	8.89	8.67	8.24
Petroleum & coal products	512.19	518.02	518.81	502.07	459.80	42.4	42.6	42.7	41.7	41.8	12.08	12.16	12.15	12.04	11.00
Petroleum refining	537.13	551.13	544.85	529.20	484.04	41.8	42.2	42.6	41.9	41.3	12.85	13.06	12.79	12.63	11.72
Other petroleum & coal prod.	432.90	408.65	421.52	392.51	369.73	44.4	43.8	43.1	41.1	43.6	9.75	9.33	9.78	9.55	8.48
Rubber & misc. plastics products	299.07	298.23	293.14	292.32	265.99	39.3	39.5	39.4	40.6	39.7	7.61	7.55	7.44	7.20	6.70
Tires & inner tubes	399.40	376.71	397.58	397.99	385.00	40.1	39.2	41.2	41.5	43.7	9.96	9.61	9.65	9.59	8.81
Fabricated rubber prod., n.e.c.	345.67	352.37	340.23	361.12	326.34	41.2	41.8	40.6	43.3	42.0	8.39	8.43	8.38	8.34	7.77
Other rubber & plastic prod., n.e.c.	282.36	282.96	274.95	274.16	247.26	39.0	39.3	39.0	40.2	39.0	7.24	7.20	7.05	6.82	6.34
Leather & leather products	181.92	175.96	179.90	182.85	182.78	35.6	34.3	35.0	35.3	38.0	5.11	5.13	5.14	5.18	4.81
Footwear, exc. rubber	178.00	172.62	169.48	172.26	170.46	36.4	35.3	34.8	34.8	37.3	4.89	4.89	4.87	4.95	4.57
Men's footwear, exc. athletic	194.31	185.28	195.70	182.70	191.20	38.1	36.4	38.6	35.0	40.0	5.10	5.09	5.07	5.22	4.78
Women's footwear, exc. athletic	172.89	171.21	159.41	175.65	160.01	35.5	35.3	32.4	35.2	35.4	4.87	4.85	4.92	4.99	4.52
Other footwear	162.51	158.91	151.80	159.03	157.04	35.1	34.1	33.0	34.2	36.1	4.63	4.66	4.60	4.65	4.35
Other leather & leather prod.	195.43	188.17	216.59	217.56	223.11	32.9	31.0	35.8	37.0	40.2	5.94	6.07	6.05	5.88	5.55
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	408.29	400.20	399.78	428.64	438.98	38.7	39.9	39.7	41.9	46.8	10.55	10.03	10.07	10.23	9.38
Bituminous coal & lignite mining	480.67	466.94	454.58	503.79	413.61	38.3	38.4	37.2	40.4	32.8	12.55	12.16	12.22	12.47	12.61
Nonmetallic minerals, exc. fuels	360.72	359.13	359.84	357.57	364.27	43.2	42.5	41.6	41.1	44.1	8.35	8.45	8.65	8.70	8.26
Communication	409.73	401.86	412.16	407.74	372.87	38.8	38.2	38.7	38.0	38.8	10.56	10.52	10.65	10.73	9.61
Electric, gas, & sanitary services	467.04	463.83	466.23	466.90	448.21	42.0	41.9	42.5	42.6	43.6	11.12	11.07	10.97	10.96	10.28
Electric services	469.88	455.38	454.11	447.95	445.17	42.6	42.4	42.8	42.5	42.6	11.03	10.74	10.61	10.54	10.45
Gas production & distribution	408.59	403.21	408.87	409.76	427.80	40.9	40.2	41.3	41.6	46.5	9.99	10.03	9.90	9.85	9.20
General merchandise stores	151.37	153.22	151.43	153.72	146.61	28.4	28.8	28.2	28.0	27.2	5.33	5.32	5.37	5.49	5.39
Banking	213.58	209.40	210.12	208.38	190.62	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Insurance carriers	261.81	260.55	258.61	258.79	242.07	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Life insurance	241.00	241.55	237.18	240.61	221.94	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	269.29	267.51	266.58	265.40	243.35	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA